

REMARKS

Applicant appreciates the time taken by the Examiner to review Applicant's present application. Applicant has amended Claims 1-4, 6-10, 13, 15, 17, 18, 20, 22, 24, 25, 27-33, cancelled Claims 5, 11, 21, 23 and 26 and added Claims 34-53. Applicant respectfully submits that no new matter has been added by these amendments. Thus, Claims 1-4, 6-10, 12-20, 22, 24, 25 and 27-53 remain pending in this application. This application has been carefully reviewed in light of the Official Action mailed October 25, 2005. Applicant respectfully requests reconsideration and favorable action in this case.

Rejections under 35 U.S.C. §§ 102 & 103

Claims 1-5 and 10-32 stand rejected as anticipated by U.S. Patent No. 6,662,226 ("Wang"). Claims 6-9 stand rejected as unpatentable over U.S. Patent No. 6,662,226 ("Wang") in view of U.S. Patent No. 6,414, 725 ("Clarin"). Applicant respectfully traverses these rejections.

Overview of Embodiments of Present Invention

Embodiments of the present invention may provide a transaction management system operable to capture data associated with a transaction conducted between a client application and a server application. This data may be any type of data that passes between the client application and the server application, including, for example, streaming audio or video data. As data is captured as it passes between the client application and the server application, the data may be captured before it is processed by the client application (e.g. when data is being passed from the server application to the client application), or the server application (e.g. when data is being passed from the client application to the server application). Additionally, because the data is captured at some point between the client application and the server application the data that is captured may be data flowing from the server application to the client application and, additionally, data flowing from the client application to the server application.

Overview of Wang

Wang, in contrast, presents a system for analyzing a user's interaction with a user interface. To achieve this, Wang records individual and sequenced display presentations at a

user locale. (See Col 1, Line 63- Col. 2, Line 9) These display presentations are screen displays which support a transaction; a user can interact with these screen displays to conduct the transaction. (See Col. 3, Line 33-35). These screen displays are captured images of an interface displayed to a user at a particular point in time, in other words a screen display, a displayed page, a displayed window is an image presented on a display screen. For example, a file that constitutes a display may be an HTML file...an image thereof appears on a display screen when the [HTML] file is read or executed by a display application. (See Col. 6, Lines 24-30, Col. 8, Lines 38-40, 55-57). Thus, the screen displays captured by Wang represent an image displayed to a user at a terminal device at a particular instant in time, where the image results from processing data with a display application. In fact, these images captured by Wang may bear no relation to the data used to cause that display. For example, a display screen may be created by a browser (display application) processing an HTML page. When Wang captures that display screen, the image Wang captures may be in the form of a bitmap (for example). As can be seen, a bitmap of a displayed image bears little to no relation to the HTML code that the browser used to create the displayed image.

As Wang captures display screens which result from the processing of data by a display application, Wang captures how data is rendered or presented to a user after processing by a display application, not preprocessed data. Moreover, as Wang captures display screens only after the display screens are created by processing data with a display application, Wang captures data only after it arrives at, and is processed by, an application, not data that is passing between a client application and a server application during a transaction.

Furthermore, Wang may capture screen displays using a screen capturing process that may be an application or Java applet in a display. This process may utilize calls provided by the operating system of the computer on which the process is being executed. This process may then capture screen displays, where the screen display results from processing the data. Thus, as the screen capturing process of Wang captures data only after it has been processed by a display application, the screen capturing process of Wang can only capture a screen display associated with data flowing to the system on which the screen capturing process of Wang is being executed, and not data flowing from the system on which the screen capturing process is being executed.

Independent Claims 1, 13, 27 and 33

Applicant has amended Claims 1, 13, 27 and 33 to more specifically point out and distinctly claim the present invention, support for which can be found in the specification. Applicant respectfully submits that no new matter has been added by these amendments.

Independent Claims 1 and 13

Independent Claim 1 as amended recites a transaction management system comprising: a server application that hosts a transaction; a network, a client application connected in a communicating relationship with the server application over the network, and the client application participating in the transaction hosted by the server application; and a filter application operating between the server application and the client application to capture data associated with the transaction, wherein the captured data includes preprocessed data passing between the server application and the client application. Claims 13, recites similar limitations.

As discussed above, Wang captures display screens which result from the processing of data by a display application and thus Wang captures how data is rendered or presented to a user after processing by a display application, not preprocessed data that is passed between a client application and a server application during a transaction.

Consequently, Wang does not disclose at least a filter application operating between the server application and the client application to capture data associated with the transaction, wherein the captured data includes preprocessed data, as recited by Claims 1 and 13. Accordingly, the withdrawal of the rejection of Claims 1 and 13 is respectfully requested.

Independent Claims 27 and 33

Independent Claim 27, as amended, recites a method for managing transactions comprising: processing an electronic commerce transaction between a client application and a server application, capturing data for the electronic commerce transaction between the server application and the client application as the data passes between the client application and the server application wherein the data is captured in a form that permits review of the transaction as displayed during the transaction. Claim 33 recites at least some similar limitations.

As discussed above, Wang captures display screens which result from the processing of data by a display application. As Wang captures display screens only after the display screens are created by processing data with the display application, Wang captures data only after it

arrives at, and is processed by, an application. Thus, Wang does not disclose capturing data as the data passes between the client application and the server application as recited by Claim 27 and Claim 33. Accordingly, the withdrawal of the rejection of Claims 27 and 33 is respectfully requested.

Dependent Claims 2-5 and 10-12, 14-26 and 28-32

Dependent Claims 5, 11, 21, 23 and 26

Applicant has cancelled Claims 5, 11, 21, 23 and 26. Accordingly, Applicant respectfully submits that the rejection of these claims is now moot.

Dependent Claims 2-4, 10, 12, 14-20, 22, 24, 25 and 28-32

Applicant respectfully submits that Claims 2-4, 10, 12, 14-20, 22, 24, 25 and 28-32 are further limitations on independent Claims 1, 13, or 27. Consequently, Applicant respectfully submits that these claims are allowable for at least the same reasons presented above with respect to Claims 1, 13, or 27. Accordingly, withdrawal of the rejection of Claims 2-4, 10, 12, 14-20, 22, 24, 25 and 28-32 is respectfully requested.

Newly Added Claims 34-53

Applicant has added Claims 34-53 to point out and claim the present invention, support for which can be found in the specification. Applicant respectfully submits that no new matter has been added.

Independent Claim 36

Newly added Claim 36 recites a transaction management system comprising: a server application, a network, a client application connected via a communication path with the server application over the network, wherein the client application participates in a transaction with the server application that involves passing data between the client application and the server application and a filter application in the communication path between the server application

and the client application, wherein the filter application captures the transaction data passing between the client application and the server application.

As discussed above, Wang captures display screens which result from the processing of data by a display application. As Wang captures display screens only after the display screens are created by processing data with the display application, Wang captures data only after it arrives at, and is processed by, an application. Thus, Wang does not disclose at least capturing data passing between the client application and the server application.

Independent Claim 43

Newly added Claim 43 recites a method for managing transactions conducted over a network comprising initiating a capture of preprocessed transaction data communicated between a client application and a server application as the data is communicated between the client application and the server application, stopping the capture of the preprocessed data communicated between the client application and the server application and storing the captured data.

As discussed above, Wang captures display screens which result from the processing of data by a display application and thus Wang captures how data is rendered or presented to a user after processing by a display application, not preprocessed data. Additionally, Wang captures data only after it arrives at, and is processed by, an application, not while the data is passing between a client application and a server application.

Consequently, Wang discloses neither capturing preprocessed transaction data nor capturing the preprocessed transaction data as the data is communicated between the client application and the server application.

Independent Claim 46

Newly added Claim 46 recites a transaction management system comprising: a server application, a network, a client application connected via a communication path with the server application over the network, wherein the client application participates a transaction with the server application that involves passing data between the client application and the server application and between the server application and the client application and a filter application in the communication path between the server application and the client application, wherein

the filter application captures the transaction data passing in either direction between the client application and the server application.

As discussed above, Wang captures display screens which result from the processing of data by a display application. As Wang captures display screens only after the display screens are created by processing data with the display application, Wang captures data only after it arrives at, and is processed by, an application. Thus, Wang does not disclose at least capturing data passing between the client application and the server application.

Furthermore, Wang may capture screen displays using a screen capturing process that may be an application or Java applet in a display. This process may utilize calls provided by the operating system of the computer on which the process is being executed. This process may then capture screen displays, where the screen display results from processing the data. Thus, as the screen capturing process of Wang captures data only after it has been processed by a display application, the screen capturing process of Wang can only capture a screen display associated with data flowing to the system on which the screen capturing process of Wang is being executed, and not data flowing from the system on which the screen capturing process is being executed.

Independent Claim 50

Independent Claim 50 recites a method of managing transaction data, comprising initiating a transaction between a server application and a client application over a network, passing transaction data between the client application and the server application and between the server application and the client application and capturing the transaction data as the transaction data passes between the client application and the server application.

As discussed above, Wang captures display screens which result from the processing of data by a display application. As Wang captures display screens only after the display screens are created by processing data with the display application, Wang captures data only after it arrives at, and is processed by, an application. Thus, Wang does not disclose capturing transaction data as the transaction data passes between the client application and the server application.

Independent Claim 34, 35, 37-42, 44-45, 47-49, 51-53

Dependent Claims 34, 35, 37-42, 44-45, 47-49 and 51-53 are further limitations on Independent Claims 33, 36, 43 or 50. Applicant, therefore respectfully submits that these Claims are allowable for at least the reasons presented above.

CONCLUSION

Applicant has now made an earnest attempt to place this case in condition for allowance. Other than as explicitly set forth above, this reply does not include an acquiescence to statements, assertions, assumptions, conclusions, or any combination thereof in the Office Action. For the foregoing reasons and for other reasons clearly apparent, Applicant respectfully requests full allowance of Claims 1-4, 6-10, 12-20, 22, 24, 25 and 27-53. The Examiner is invited to telephone the undersigned at the number listed below for prompt action in the event any issues remain.

The Director of the U.S. Patent and Trademark Office is hereby authorized to charge any fees or credit any overpayments to Deposit Account No. 50-3183 of Sprinkle IP Law Group.

Respectfully submitted,

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